

SUSTAINABLE SCHOOLS

PARTNERSHIPS AND IMPLEMENTATIONS



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ENVIRONMENTAL ACTION PLAN & MODEL GREEN SCHOOLS

Mission: to reduce CPS' impact on the environment and teach our students to be environmental stewards

➤ Transportation and Air

➤ Water

➤ Energy

➤ Engagement

➤ Waste

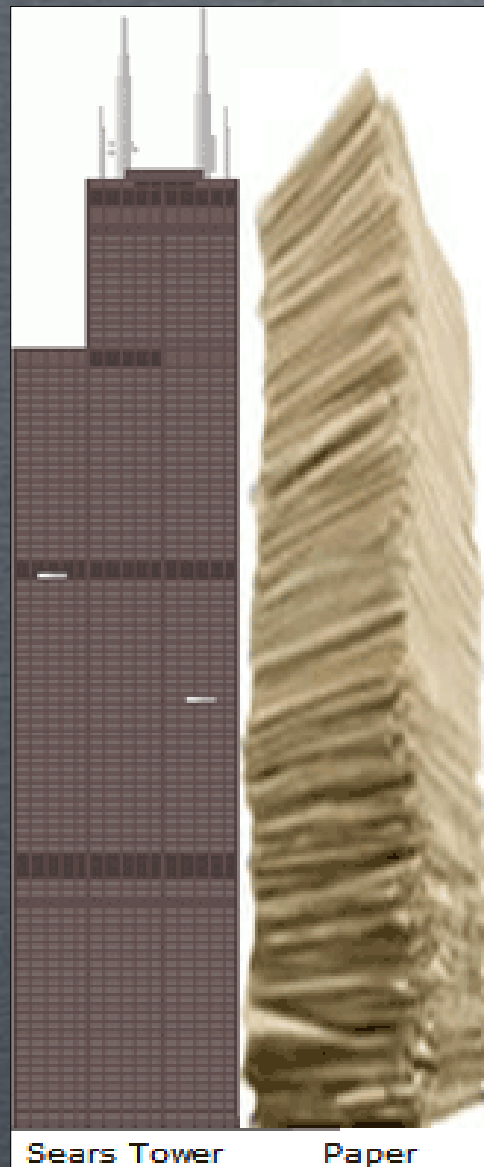
➤ Food

➤ Land

➤ Community Involvement

WASTE: REDUCE

How can your school reduce waste?



Paper Waste Busters



Composting: outdoor or
vermicomposting (worms)



Lunchroom practices

PAPER WASTE BUSTERS

Use less paper; buy 35% recycled content



Calculate tree use:
Papercalculator.org

www.conservatree.com/learn/EnviroIssues/TreeStats.shtml

WASTE: RECYCLE



Each School has a Recycling Dumpster

Track Recycling Data and
Posted Online

Office Depot Recycling Rewards



Student Clubs



THE ACADEMY FOR GLOBAL CITIZENSHIP

ABOUT US

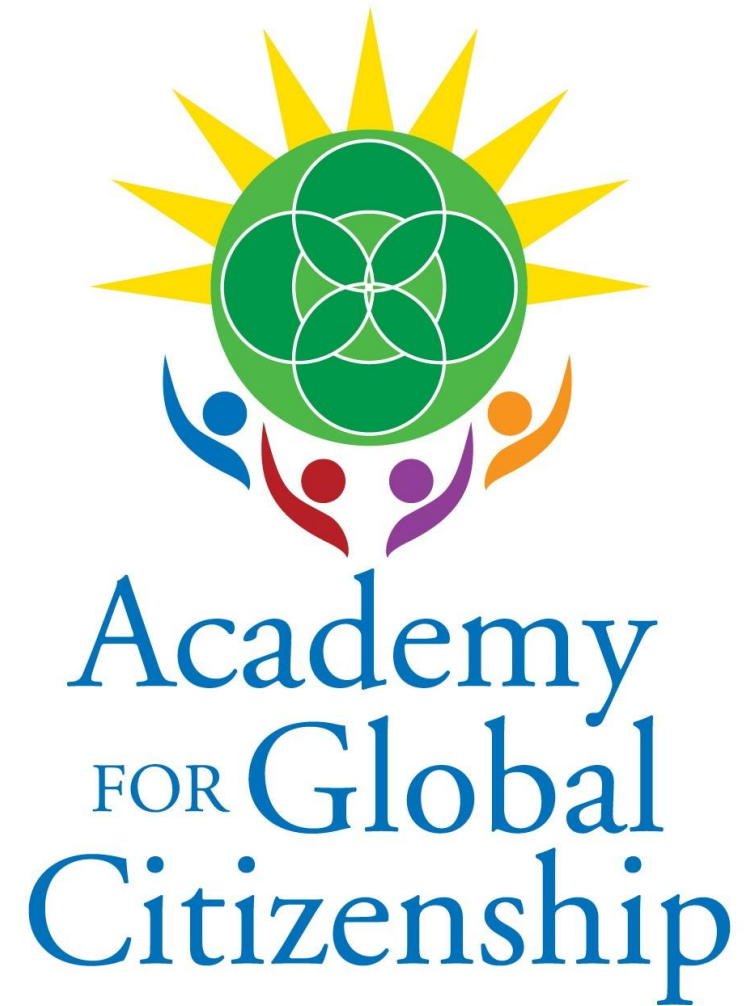


- A Chicago Public Contract School
- Founded through Mayor Daley's Renaissance 2010 Initiative
- Located in an underserved community on Chicago's Southwest side
- Opened in August of 2008 with Kindergarten & First Grade
- One grade level will be added per year until 8th Grade is reached in 2015-2016

The Academy for Global Citizenship's mission is to empower students to positively impact the community and world beyond.

In pursuit of this mission, AGC is committed to:

- Serving the Whole Child
- Modeling academic excellence
- Developing inquirers
- Cultivating international awareness
- Fostering environmental stewardship
- Facilitating collaboration within the community



OUR INNOVATION

- Extended school day and year
- 22 students per class
- International Baccalaureate Primary Years instruction for all
- Data-driven teaching strategies & continuous formative assessment
- Globally collaborative student learning opportunities
- International field experiences for every graduating student
- Bi-literacy development for all students
- Extensive faculty professional development
- Daily yoga, environmental education, wellness instruction, organic gardening and ecologically sustainable school-wide practices
- Organic, nutritionally balanced and fresh breakfast and lunch
- Ongoing parent education and family involvement opportunities

Recycling



RECYCLING DUMPSTER AT EVERY SCHOOL

- **Cardboard**
- **Office Paper**
- **Junk Mail**
- **Newspaper**
- **Soft Cover Books**
- **Steel Cans**
- **Plastic bottles**
- **Aluminum Cans**

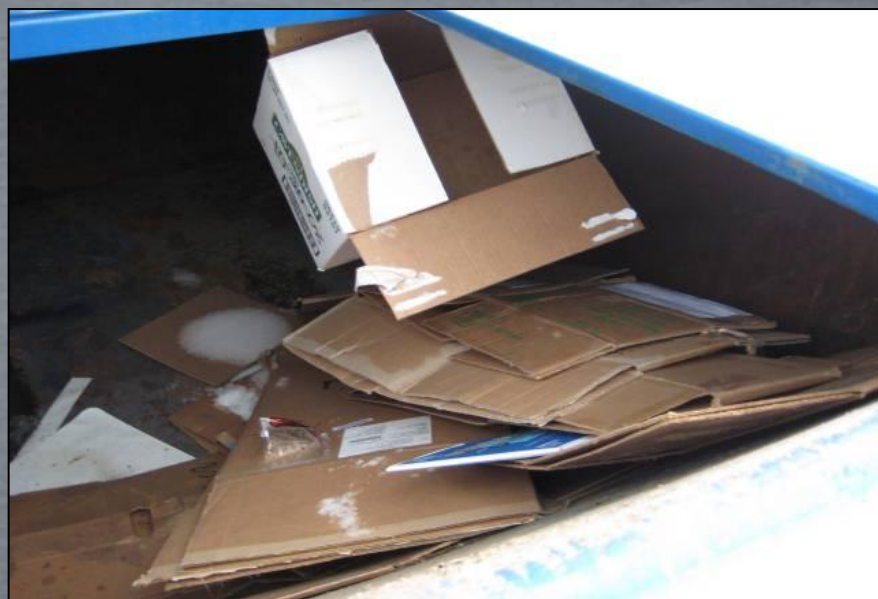




WEEKLY RECYCLING DATA

Quantity

*Measured
in cubic yards*



Quality

*Percentage of clean
recyclable material*





DATA POSTED ONLINE

EVERY SCHOOL HAS A RECYCLING TARGET

| (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) |
|------------|---------------------------------------|-------------------------|---------------------------------------|--|-------------------------------------|--|------------------------------|-----------|-------------|------------|
| Date | Reported Volume (yd ³) | Reported Quality (%) | Recycled Volume (yd ³) | Recycling Target (yd ³) | Weekly Performance (% of Target) | Recycling Score (% of Target / # weeks) | ✓ = presence of unacceptable | | | |
| | | | | | | | Black Bags | Styrofoam | Demo Debris | Yard Waste |
| 02/29/2008 | 5 | 90 | 4.5 | 4.0 | 112.5 | 115.0 | | | | |
| 02/22/2008 | 5 | 95 | 4.8 | 4.0 | 118.8 | 115.4 | | | | |
| 02/15/2008 | 4 | 90 | 3.6 | 4.0 | 90.0 | 114.8 | | | | |
| 02/08/2008 | 5 | 95 | 4.8 | 4.0 | 118.8 | 119.8 | | | | |
| 02/01/2008 | 6 | 90 | 5.4 | 4.0 | 135.0 | 120.0 | | | | |
| 01/25/2008 | 6 | 95 | 5.7 | 4.0 | 142.5 | 115.0 | | | | |
| 01/18/2008 | 6 | 90 | 5.4 | 4.0 | 135.0 | 101.3 | | | | |
| 01/11/2008 | 3 | 90 | 2.7 | 4.0 | 67.5 | 67.5 | | | | |

www.cps.edu

School Scorecard

Weekly Recycling Report



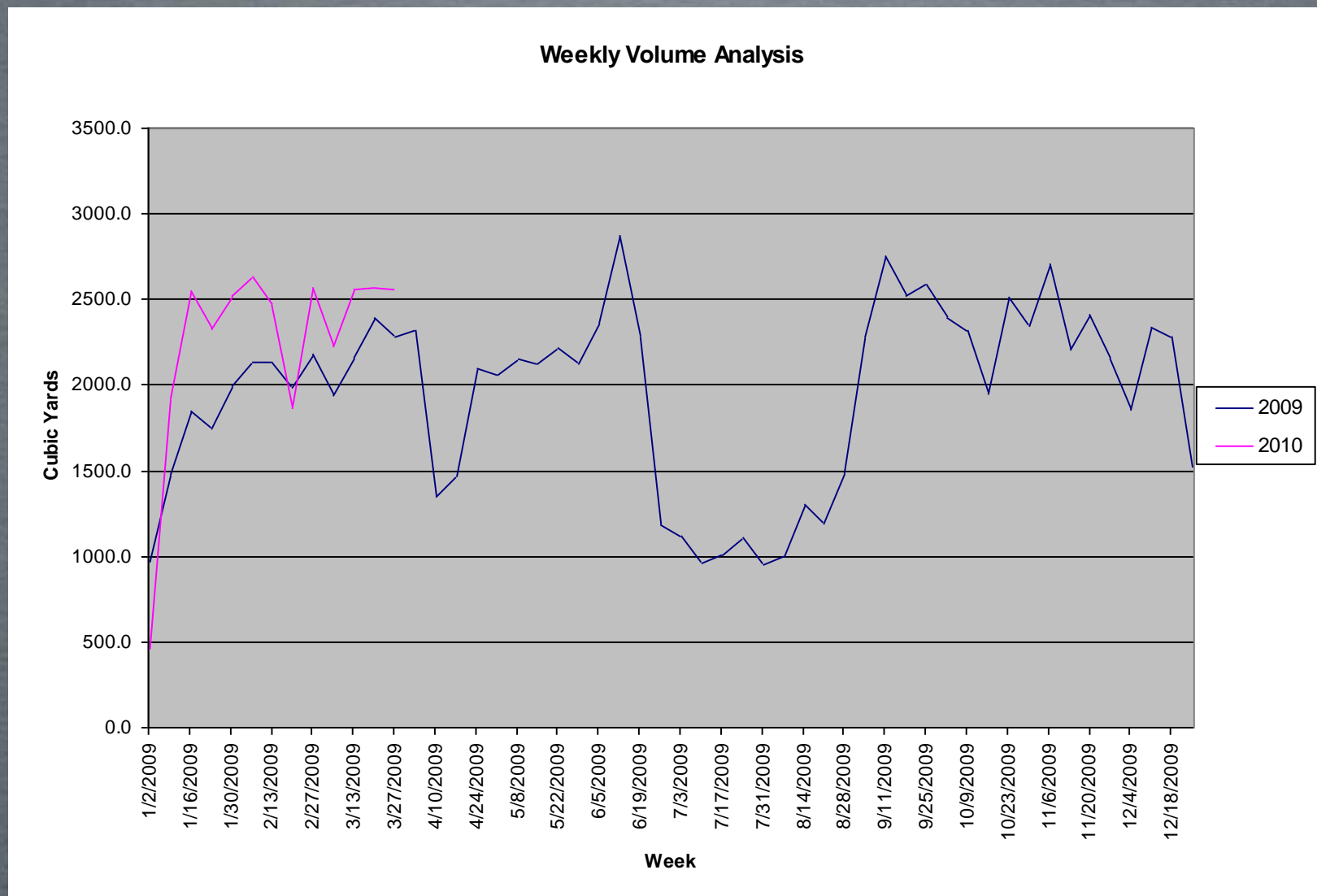
RECYCLING REWARDS



Schools above 100% Recycling Target
Up to \$500 in Office Depot gift cards



PERFORMANCE MANAGEMENT



Recycling Rewards recipients up 44%

Consistently Higher Weekly Volume

Average Recycling Score up 7%



GOALS

Increase % waste stream recycled

Reduce non-biodegradable food-service waste

Expand commodities recycled



AGC RECYCLING



WASTE CONSCIOUSNESS



AGC WASTE: DATA

Daily

Recycling = 31.5 lbs

Compost = 10.67 lbs

Waste = 31.67

- AGC Recycles 49.8% of their waste
- AGC Composts 16.86% of their waste
- AGC sends 33.33% of its waste to a landfill
- AGC could be composting 37.89% more of their waste
 - AGC can be recycling 9.87% more of their waste

AGC COMPOSTING



START SEPARATING NOW!



Energy

CPS spends \$84 million on electricity and natural gas every year.

No-cost measures can save 10% or more



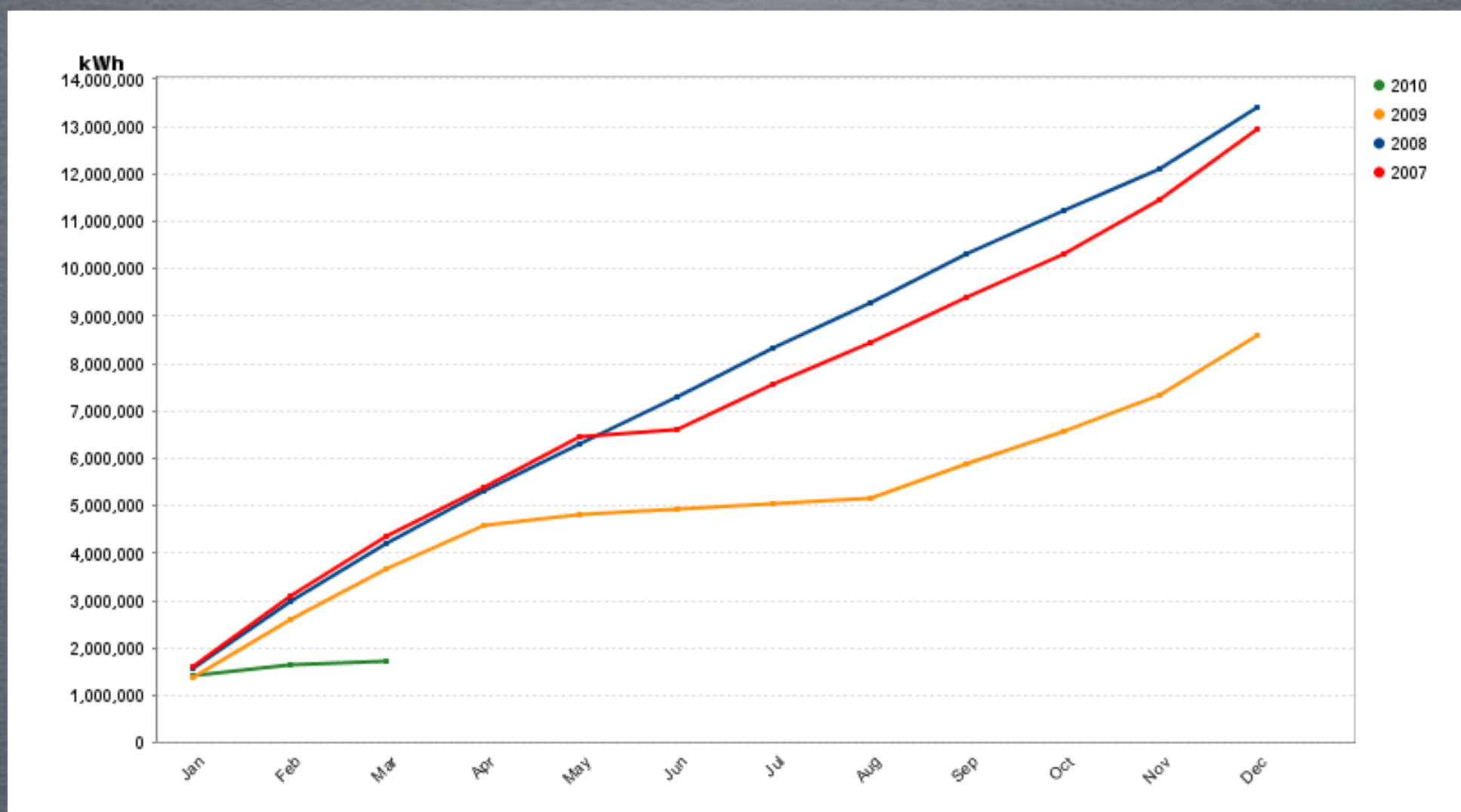
CPS buys 20% of its electricity from renewable sources

Require all new equipment to be Energy Star

Builds all new schools to LEED standards



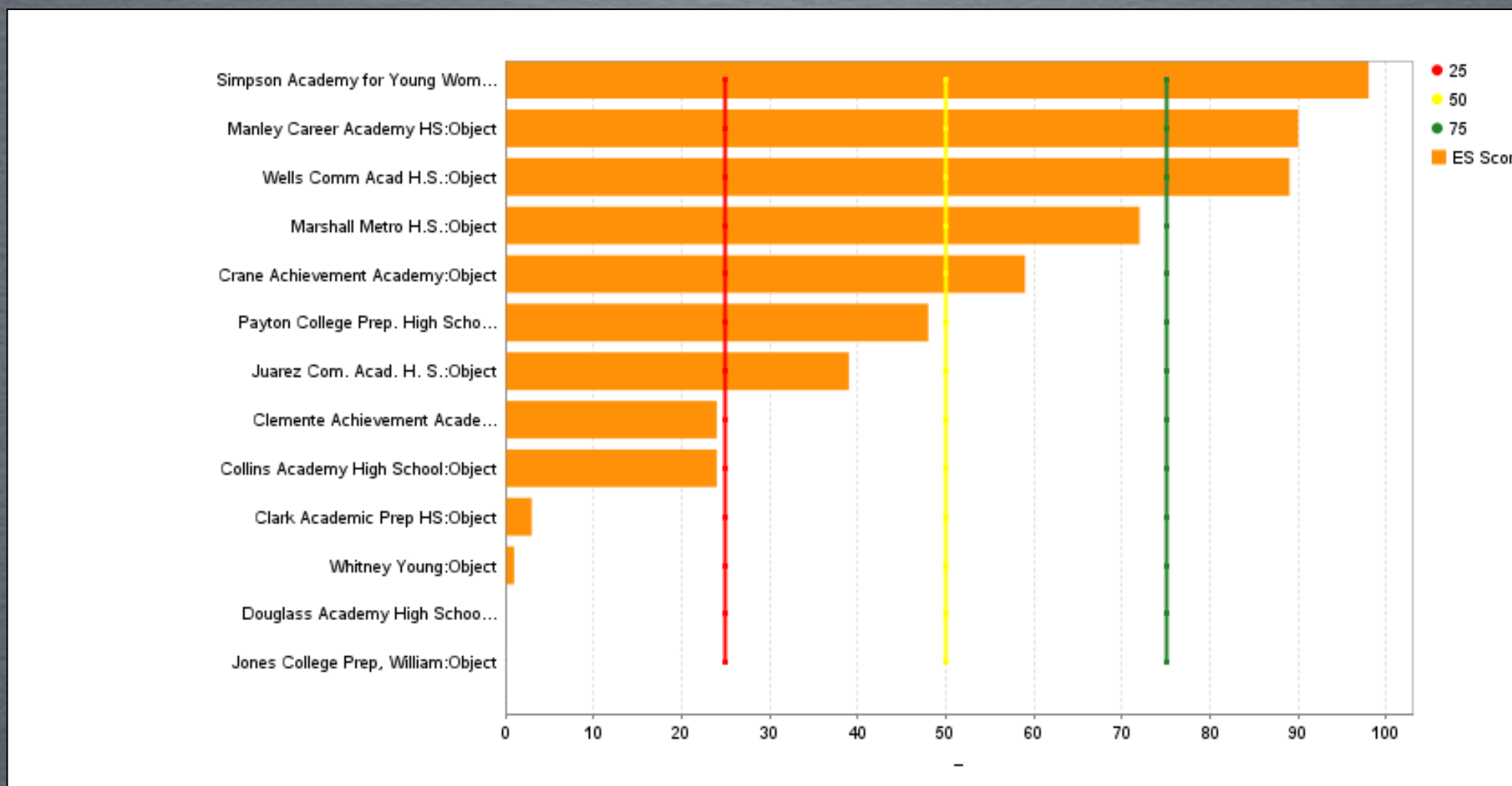
ENERGY MONITORING SYSTEM



Monitor school's energy use online

Track effectiveness of energy efficiency efforts

PERFORMANCE MANAGEMENT



GOAL: Energy Star Score of 75 or higher

Building Engineers and Area Facility Managers held accountable

Building Engineer's Union
Outside Organizations
Environmental Clubs

